

What is Claimed is:

1. A sealing device, comprising:

an elongated sealing member, comprising a tubular heat sealing layer and a tubular supporting frame, having a flexible ability, coaxially received in said heat sealing
5 layer and defining a deformable channel within said supporting frame; and

a plurality of fasteners spacedly mounted along said sealing member, wherein each of said fasteners has a retention base disposed within said deformable channel and an engagement head outwardly extended from said retention base through said supporting frame and said heat sealing layer in such a manner that said supporting frame and said
10 heat sealing layer are sandwiched between said retention base of each of said fasteners and said engagement head thereof, so as to retain said supporting frame within said heat sealing layer in position.

2. The sealing device, as recited in claim 1, wherein each of said fasteners is made of a stiff metal wire spring having a first end portion bent to form said retention
15 base and a second end portion bent to form said engagement head.

3. The sealing device, as recited in claim 2, wherein said first end portion of said wire spring is bent to a spiral shape of said retention base such that a first free end of said first end portion of said wire spring is turned to guide said retention base of said fastener into said deformable channel of said sealing member so as to securely mount
20 said fastener to said sealing member.

4. The sealing device, as recited in claim 3, wherein said first free end of said wire spring is bent downwardly such that said first free end of said wire spring is guided to penetrate through said supporting frame into said deformable channel.

5. The sealing device, as recited in claim 2, wherein said second end portion
25 of said wire spring is bent to a diamond shape of said engagement head to form a narrow neck portion between said engaging head and said retention base, wherein said supporting frame and said heat sealing layer are retained at said neck portion of each of said fasteners.

6. The sealing device, as recited in claim 3, wherein said second end portion of said wire spring is bent to a diamond shape of said engagement head to form a narrow neck portion between said engaging head and said retention base, wherein said supporting frame and said heat sealing layer are retained at said neck portion of each of said fasteners.

7. The sealing device, as recited in claim 4, wherein said second end portion of said wire spring is bent to a diamond shape of said engagement head to form a narrow neck portion between said engaging head and said retention base, wherein said supporting frame and said heat sealing layer are retained at said neck portion of each of said fasteners.

8. The sealing device, as recited in claim 1, wherein said supporting frame comprises at least a stainless steel yarn crocheted to form a tubular structure, such that said retention base of each of said fasteners is penetrated through said supporting frame into said deformable channel.

9. The sealing device, as recited in claim 4, wherein said supporting frame comprises at least a stainless steel yarn crocheted to form a tubular structure, such that said retention base of each of said fasteners is penetrated through said supporting frame into said deformable channel.

10. The sealing device, as recited in claim 7, wherein said supporting frame comprises at least a stainless steel yarn crocheted to form a tubular structure, such that said retention base of each of said fasteners is penetrated through said supporting frame into said deformable channel.

11. The sealing device, as recited in claim 1, wherein said heat sealing layer is made of fiber glass yarns interwoven to enclose said supporting frame.

12. The sealing device, as recited in claim 7, wherein said heat sealing layer is made of fiber glass yarns interwoven to enclose said supporting frame.

13. The sealing device, as recited in claim 10, wherein said heat sealing layer is made of fiber glass yarns interwoven to enclose said supporting frame.

14. A sealing device for a thermal device, comprising:

an elongated sealing member, comprising a tubular heat sealing layer and a tubular supporting frame, having a flexible ability, coaxially received in said heat sealing layer and defining a deformable channel within said supporting frame; and

5 means for fastening said sealing member to said thermal device.

15. The sealing device, as recited in claim 14, wherein said fastening means comprises a tubular fastening holder longitudinally extended along said heat sealing layer and a retaining element received within said fastening holder such that said fastening holder is adapted for receiving in a mounting groove of said thermal device to retain said retaining element therewithin so as to securely mount said, sealing member to said thermal device.

16. The sealing device, as recited in claim 15, wherein said fastening holder is integrally extended from said heat sealing layer to form a one piece integral tubular holder to receive said supporting frame and said retaining element side by side, wherein said fastening means further comprises a divider longitudinally affixed on said tubular holder to divide said tubular holder into said heat sealing layer and said fastening holder to receive said supporting frame and said retaining element respectively.

17. The sealing device, as recited in claim 15, wherein said retaining element comprises a tubular wire spring which is made of stainless steel and is slidably received in said fastening holder, wherein the tubular wire spring is made of at least a stainless steel yarn crocheted for providing an spring force against said fastening holder with respect to said mounting groove.

18. The sealing device, as recited in claim 16, wherein said retaining element comprises a tubular wire spring which is made of stainless steel and is slidably received in said fastening holder, wherein the tubular wire spring is made of at least a stainless steel yarn crocheted for providing an spring force against said fastening holder with respect to said mounting groove.

19. The sealing device, as recited in claim 15, wherein said retaining element comprises an elongated bendable member slidably received in said fastening holder such

that said bendable member of said retaining element is adapted to be bent to retain said sealing member in shape.

20. The sealing device, as recited in claim 16, wherein said retaining element comprises an elongated bendable member slidably received in said fastening holder such
5 that said bendable member of said retaining element is adapted to be bent to retain said sealing member in shape.

21. The sealing device, as recited in claim 18, wherein said supporting frame comprises at least a stainless steel yarn crocheted to form a tubular structure, such that said retention base of each of said fasteners is penetrated through said supporting frame
10 into said deformable channel.

22. The sealing device, as recited in claim 20, wherein said supporting frame comprises at least a stainless steel yarn crocheted to form a tubular structure, such that said retention base of each of said fasteners is penetrated through said supporting frame into said deformable channel.

23. The sealing device, as recited in claim 21, wherein said heat sealing layer
15 is made of fiber glass yarns interwoven to enclose said supporting frame.

24. The sealing device, as recited in claim 22, wherein said heat sealing layer is made of fiber glass yarns interwoven to enclose said supporting frame.